Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 07 Apr 2022 until 23:59 on Friday 08 Apr 2022

Forecast Issued on Wednesday 06 Apr 2022 at 18:16

Confidence: High confidence for unsettled weather. Moderate confidence in showers, low cloud and strong winds.

Headline for Thursday 07 Apr 2022: Heavy showers and strong winds gradually easing through the day.

Mountain weather hazards on Thursday 07 Apr 2022

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Cloudy	Light snow	Light snow	Sunny intervals	Light snow showers	Sunny intervals
Precipitation probability							
90%	90%	20%	40%	30%	10%	30%	10%

Forecast for Thursday 07 Apr 2022

Weather: Cloudy overnight with rain and sleet, heavy at times, and widespread gales. Turning largely dry by dawn, but a few showers, wintery above 400m, breaking out from mid-morning as summit gales easing to a strong wind. Increasing bright or sunny spells in the afternoon in between showers. Turning dry with largely clear skies late evening.

Chance of cloud-free hill tops above 800m: 70%, deteriorating to 50% in showers.

Low cloud and visibility: Good visibility outside of showers with cloud bases around 600-700m in the morning, lifting above the summits in the afternoon. Poor visibility in wintry showers and cloud base lowering briefly to 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 07 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	56/67 SW	50/62 W	38/47 W	32/41 NW	32/40 NW	29/37 NW	29/36 NW	24/30 NW	20/24 NW
600	46/58 SW	42/56 W	31/41 W	29/40 NW	28/38 NW	26/35 NW	20/27 NW	20/28 NW	17/23 NW
300	16/45 SW	16/44 W	13/35 NW	15/34 NW	14/32 NW	13/30 NW	8/24 NW	9/23 NW	7/18 NW
Valley	18/46 SW	19/46 W	12/32 W	14/32 NW	13/30 NW	14/29 NW	9/23 NW	10/23 NW	8/19 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-11	-1/-11	-2/-11	-2/-12	-2/-11	-1/-9	-2/-10	-3/-11	-3/-10
600	1/-8	1/-8	0/-7	0/-8	0/-7	2/-5	0/-6	-0/-7	-1/-7
300	3/-2	3/-2	3/-2	3/-2	4/-1	5/1	3/0	2/-2	1/-2
Valley	5/0	5/-0	5/1	5/1	6/2	7/4	6/3	4/1	4/0
Freezing Level*	700m	700m	700m	500m	400m	400m	500m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Challenging conditions with very strong winds and gales through much of the day, combined with wintry showers and severe wind chill over the summits.

Forecast for Friday 08 Apr 2022

Weather: Patchy low cloud across some summits dissipating shortly after dawn to leave a very sunny morning. Cloud building through the afternoon with a risk of showers by evening.

Maximum wind: Northwesterly 15mph gusting 25mph.

Chance of cloud-free hill tops above 800m: 70% increasing to >90%

Low cloud and visibility: Poor visibility in low cloud around 500-600m covering summits around dawn. Very good visibility for the remainder of the day.

Temperature: **Valleys:** Minus 2 Celsius increasing to Plus 8 Celsius
At 800m: Plus 1 Celsius
Freezing level: Around 700m.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Wednesday 6 April. Location: Helvellyn summit at 11:55. Temperature: plus 0.6 deg C Maximum wind speed 30.3mph. Wind chill: minus 8.4 deg C. Average wind speed: 22.6mph

Full report:
There is a skittering of fresh soft snow above 850m with the majority settling above 900m. It has been deposited on strong and gusty W to WSW winds. As such, there is nothing on windswept areas and only a light covering in sheltered spots and on north and east facing aspects – where it can lie over some old snow patches that have been present for months. The vast majority of Lakeland paths, though, remain completely free from snow. However as temperatures drop, the forecast is for any further showers to fall as snow on higher ground, so walkers out on the high fells on Thursday should expect to encounter more snow. In addition, the present soft snow could become icy and damp rocks gain a covering of verglas (thin ice). Neither of these issues was encountered today but could well be a hazard on Thursday as temperatures drop. As on Tuesday, the main hazards today were the gusty nature of the wind, low cloud and the wet, slippery nature of the paths and rocks. Thus exposed, rocky routes, such as Striding and Swirral Edges, require care and thoughtful foot placement especially above 900m where there is snow on them. With a summit temperature at midday of zero degrees and a summit windchill (what the temperature actually feels like) well below freezing full winter clothing (waterproofs, extra warm layers, hat & gloves) and equipment - including a map and compass and the ability to use them in potentially poor visibility – remain essential. It is worth noting how waterproofs are always worth carrying even when no rain is forecast as they double as extremely effective windproofs. Those without them today (mainly overtrousers) were certainly feeling the minus 8 degrees windchill. As temperatures drop, walkers out on the higher fells on Thursday are highly recommended to pack walking poles and microspikes owing to the possibility of encountering ice - the latter are especially important if venturing onto exposed routes - such as the Helvellyn edges. Similarly goggles are helpful to lessen the sting of windblown hail.
For those interested in the weather stats, there were significantly stronger gusts of wind on the ascent and descent!
Issued at: 1817 on Wed 06 Apr 2022

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